

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yuji HATADA, et al.  
SERIAL NO: 09/985,689  
FILED: November 5, 2001  
FOR: ALKALINE PROTEASES



GAU: 1633  
EXAMINER:

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.

A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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SHEET 1 OF 1

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
215483US0SERIAL NO.  
09/985,689APPLICANT  
Yuji HATADA, et al.FILING DATE  
November 5, 2001GROUP  
1633

## LIST OF REFERENCES CITED BY APPLICANT

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JUN 10 2003  
TECH CENTER 1600  
1600 2000

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO	WO 98/56927	12/17/98	WIPO		
	AP	1 029 920	08/23/2000	EUROPE		
	AQ	0 130 756	01/09/85	EUROPE		
	AR	WO 99/49057	09/30/99	WIPO		
	AS	WO 99/49056	09/30/99	WIPO		
	AT	WO 96/28556	09/19/96	WIPO		
	AU	WO 92/08778	05/29/92	WIPO		
	AV	0 204 342	12/10/86	EUROPE		
	AW	WO 88/01293	02/25/88	WIPO		

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AX	D. A. ESTELL, et al., The Journal of Biological Chemistry, Vol. 260, No. 11, pgs. 6518-6521, XP-000576091, "ENGINEERING AN ENZYME BY SITE-DIRECTED MUTAGENESIS TO BE RESISTANT TO CHEMICAL OXIDATION", June 10, 1985
AY	K. SAEKI, et al., Biochemical and Biophysical Research Communications, Vol. 279, No. 2, pgs. 313-319, XP-002238277, "NOVEL OXIDATIVELY STABLE SUBTILISIN-LIKE SERINE PROTEASES FROM ALKALIPHILIC BACILLUS spp: ENZYMATIC PROPERTIES, SEQUENCES, AND EVOLUTIONARY RELATIONSHIPS", December 20, 2000
AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.